

Title (en)

Trash rack with non-metallic reinforcing rods

Title (de)

Sieb für Müll mit nichtmetallischen verstärkenden Stangen.

Title (fr)

Crible pour déchets pourvu de barres d'armature non métallique

Publication

EP 0908214 A2 19990414 (EN)

Application

EP 98308134 A 19981006

Priority

US 94428397 A 19971006

Abstract (en)

A trash rack for filtering large volumes of intake water generally of the type available to power-generating facilities. The trash rack includes reinforcing rods fabricated of non-metallic materials in a pultrusion fabrication process. The pultruded reinforcing rods are substantially lighter than prior steel reinforcing rods. The pultruded rods are flexible enough to give under impact and high-loading without fracture or permanent distortion, yet are strong enough to withstand the type of loading commonly experienced by such large-volume trash racks. <IMAGE>

IPC 1-7

B01D 29/44; **E02B 8/02**; **B07B 1/46**

IPC 8 full level

B01D 29/05 (2006.01); **B07B 1/46** (2006.01); **E02B 5/08** (2006.01)

CPC (source: EP US)

B01D 29/05 (2013.01 - EP US); **B01D 29/445** (2013.01 - EP US); **B07B 1/4609** (2013.01 - EP US); **E02B 5/085** (2013.01 - EP US)

Cited by

DE102008048612B4; DE102019131166A1; NL1019861C2; DE10052715A1; CN106457080A; RU2664836C2; WO2021099018A1; WO03063584A1; WO0234357A1; US10258907B2; EP2166158A1; DE102008048612A1; WO2015165816A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0908214 A2 19990414; **EP 0908214 A3 19990818**; **EP 0908214 B1 20010516**; AT E201146 T1 20010615; CA 2249803 A1 19990406; CA 2249803 C 20000829; DE 69800788 D1 20010621; NO 984664 D0 19981006; NO 984664 L 19990407; US 5922195 A 19990713

DOCDB simple family (application)

EP 98308134 A 19981006; AT 98308134 T 19981006; CA 2249803 A 19981006; DE 69800788 T 19981006; NO 984664 A 19981006; US 94428397 A 19971006